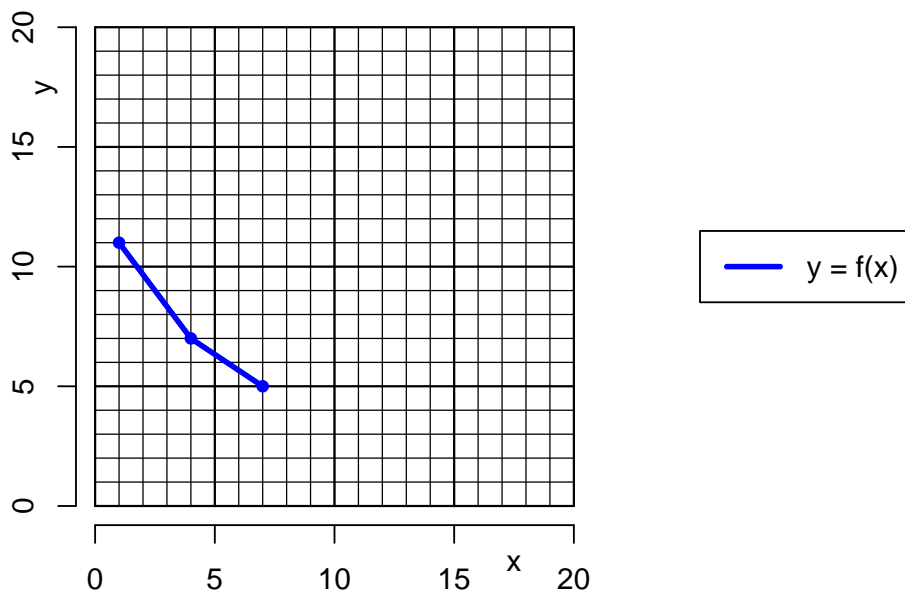# PCW_09_18 Find new points after transformation (version 45)

Question 1

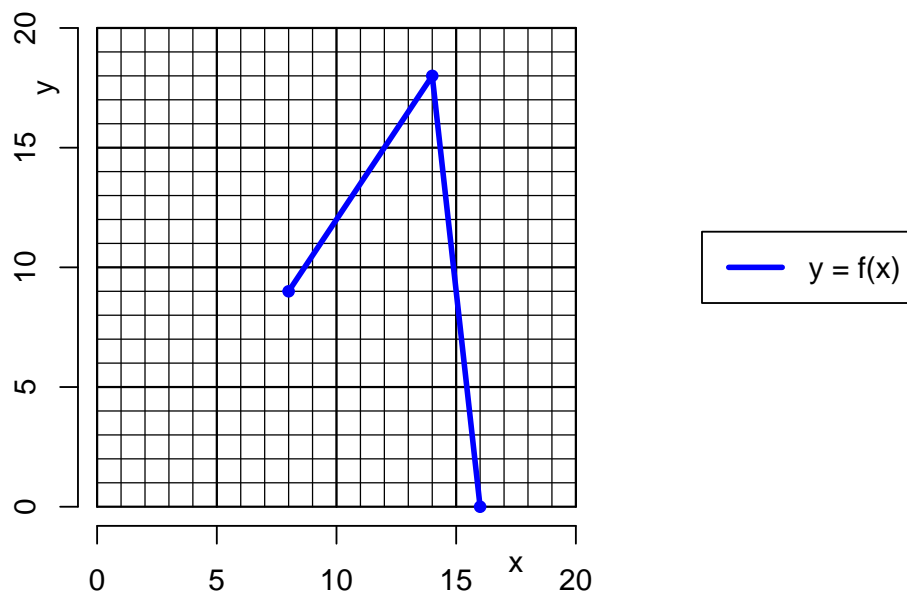Curve $y = f(x)$ contains points $(1, 11)$ and $(4, 7)$ and $(7, 5)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f\left[\frac{x+2}{2}\right] - 5\right)$$

Question 2

Curve $y = f(x)$ contains points $(8, 9)$ and $(14, 18)$ and $(16, 0)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2(x+1)] + 6}{3}$$